



chapter one

Introduction and Research Methods

PSYCHOLOGY

Hockenbury | Nolan | Hockenbury | seventh edition

WORTH
PUBLISHERS

Psychology: the scientific study of behavior and mental processes

What is the scope of contemporary psychology?

What roles did Wundt and James play in establishing psychology?

What were the early schools of thought and approaches in psychology, and how did their views differ?

Goals of Psychological Science

Describe behavior

Explain behavior

Predict behavior

Control or influence behavior

Introduction: The Origins of Psychology

- Fundamental Issues
 - How should psychology be defined?
 - What is the proper subject matter of psychology?
 - Which areas of human experience should be studied?
 - What methods should be used to investigate psychological issues?
 - Should psychology include the study of nonhuman animal behavior?
 - Should psychological findings be used to change or enhance human behavior?

Psychology's Origin Story

- Started with Philosophers
- Major Schools of Thought
 - **Structuralism:** emphasized that complex conscious experiences broken down into structures
 - **Functionalism:** emphasized function of behavior and mental experiences
 - **Psychoanalysis:** emphasized the role of unconscious factors in personality and behavior
 - **Behaviorism:** emphasized observable behaviors
 - **Humanistic:** emphasized each person's unique potential for psychological growth

Let's Play a Game



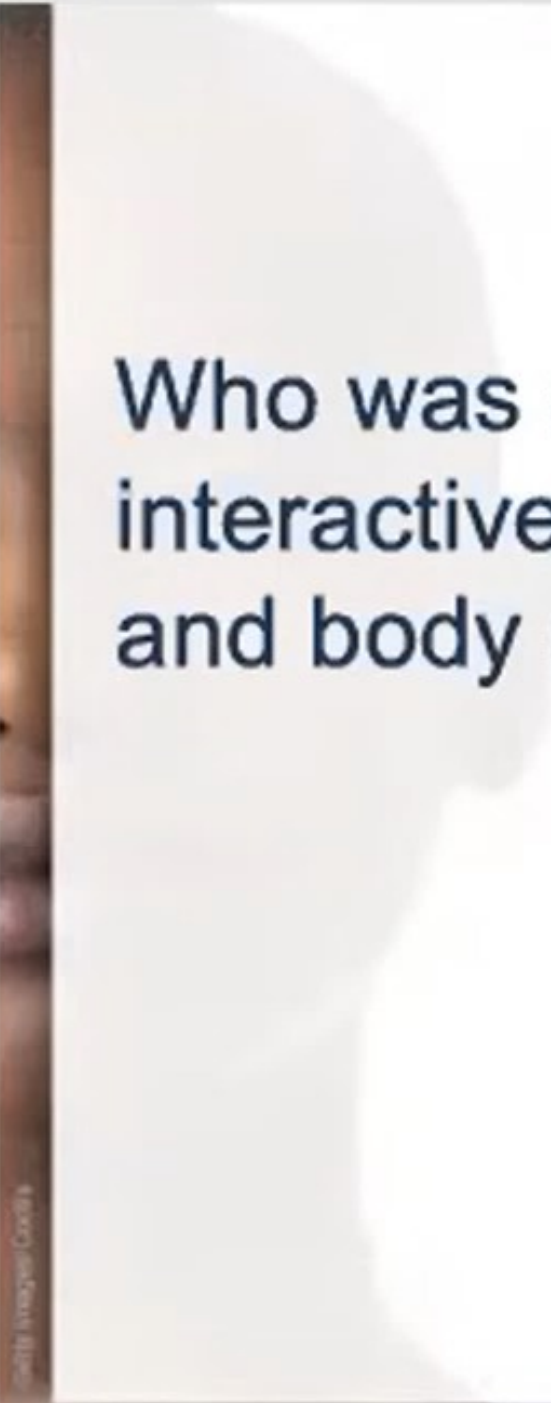
PSYCHOLOGY

Hockenbury | Nolan | Hockenbury | seventh edition

WORTH
PUBLISHERS

“WHO DAT CONTRIBUTOR”

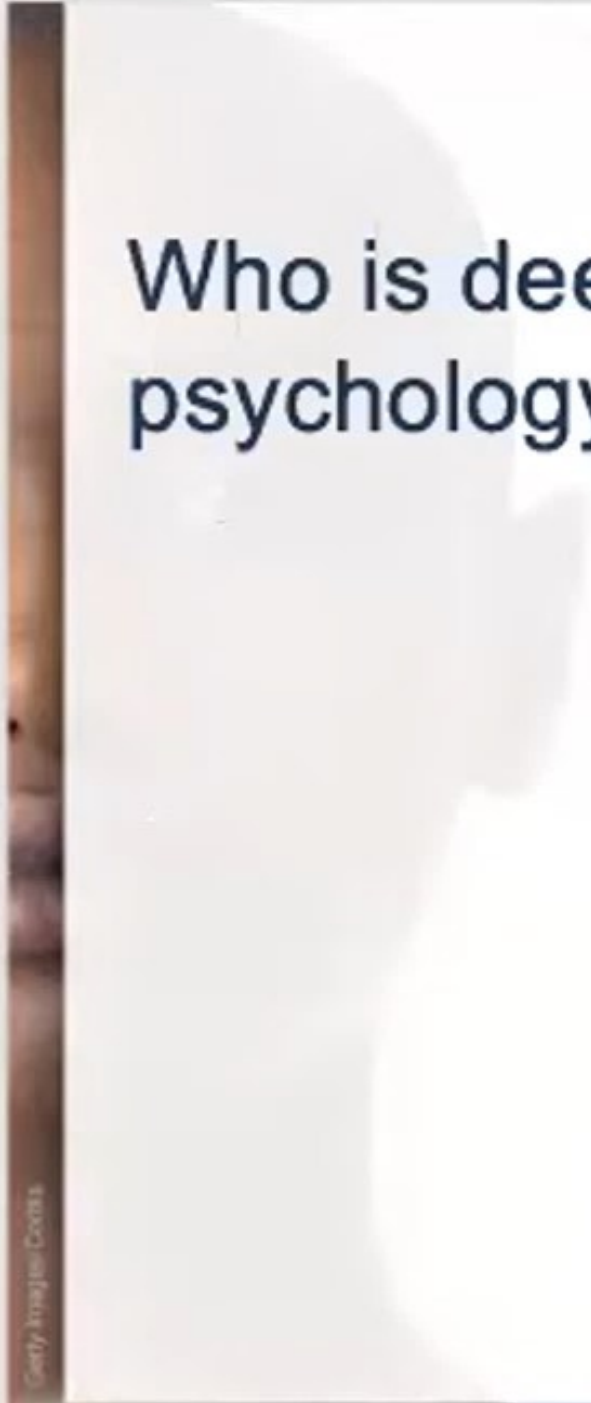
- I will ask a question about the major contributors to the field of psychology
- Type in the chat what the answer is
- The first person who answers correctly wins!
- We will do several of these



Who was a philosopher who proposed interactive dualism, where the mind and body are separate entities?

Influence of Philosophy

- **René Descartes (1596–1650)—Interactive dualism**
 - Mind and body are separate entities that interact to produce sensations, emotions, and other conscious experiences
- **Aristotle**
 - Impact of physiology on emergence of psychology
 - *Scientific discoveries* demonstrated that the scientific method could be applied to behavior and mental processes
- ***Nature – Nurture Issue***
 - Today, focus on interaction of environment and genetics

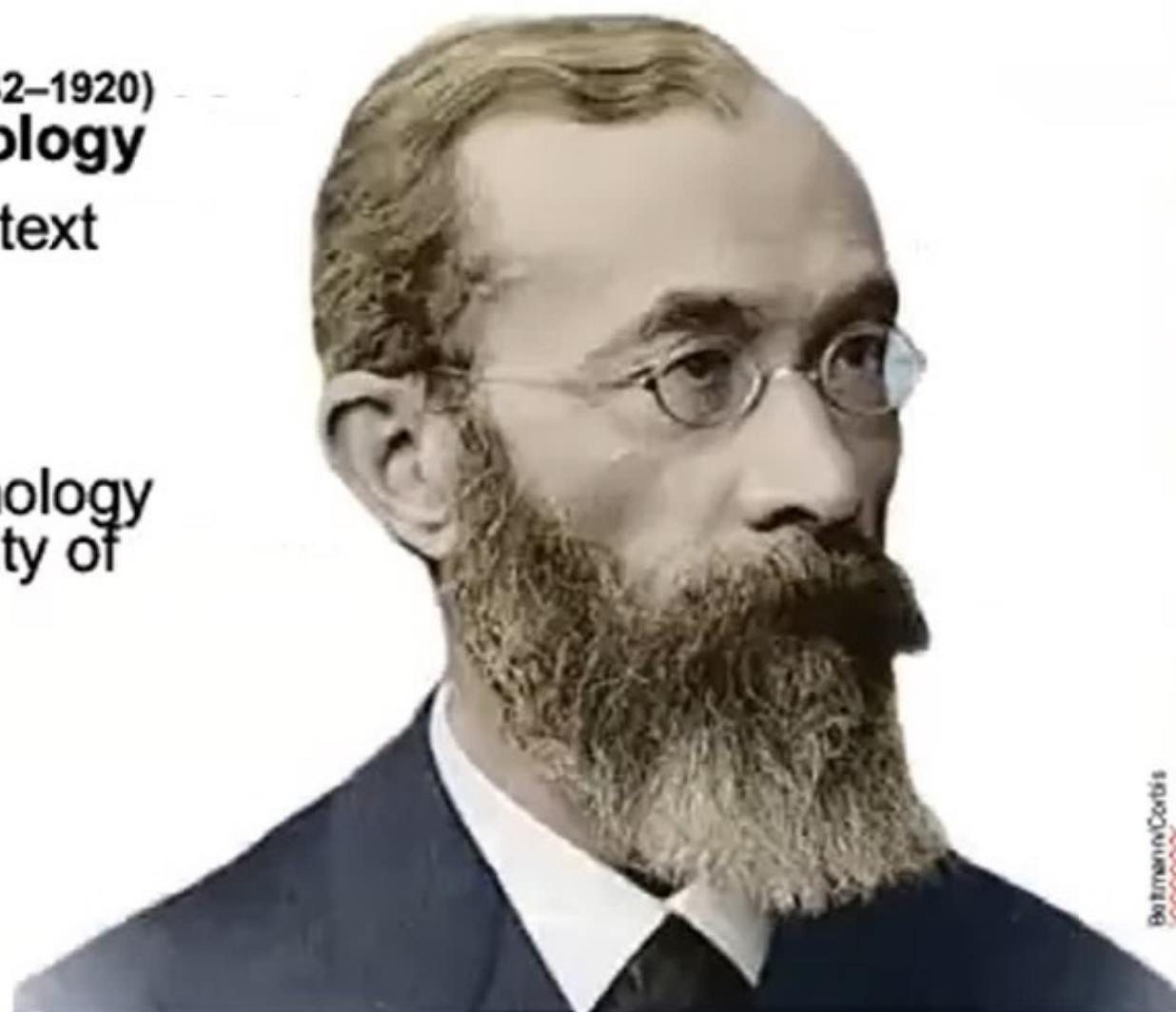


Who is deemed as the “founder” of psychology?

Founders of Psychology

Wilhelm Wundt (1832–1920) **Founder of Psychology**

- **1874**—Landmark text
Principles of Physiological Psychology
- **1879**—First psychology lab at the University of Leipzig

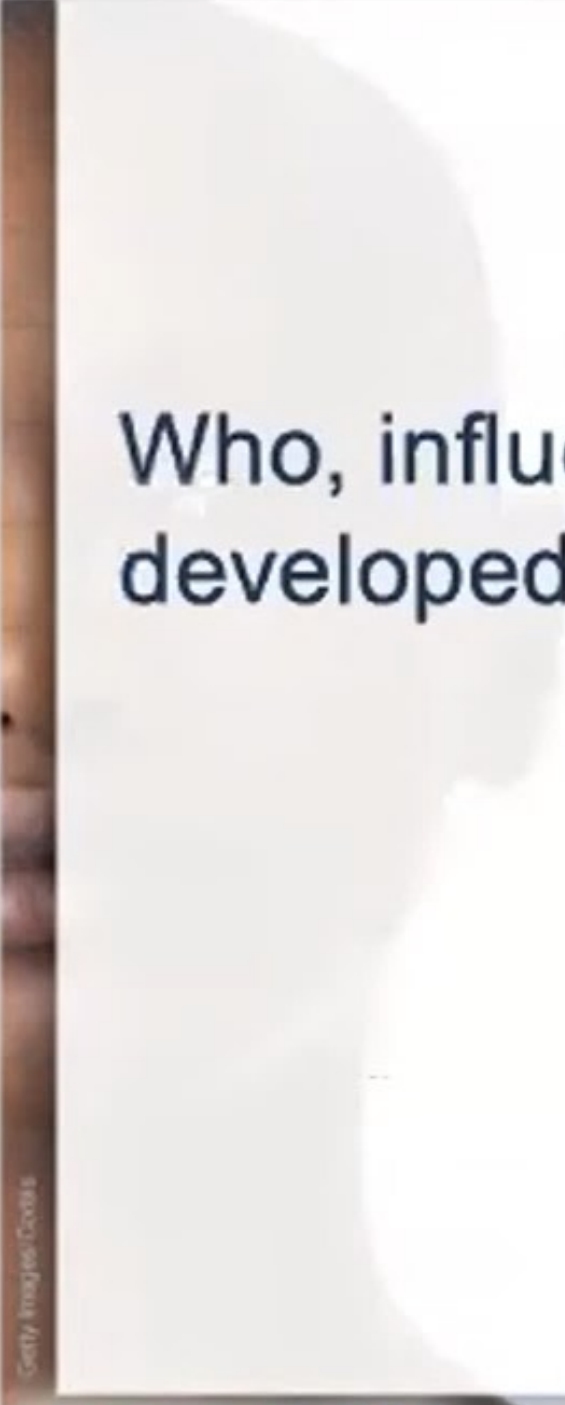


Founders of Psychology

- First Major Psychological Schools
 - **Edward Titchener** (student of Wundt) developed approach called **structuralism**
 - focused on basic sensory and perceptual processes
 - criticized for relying on introspection



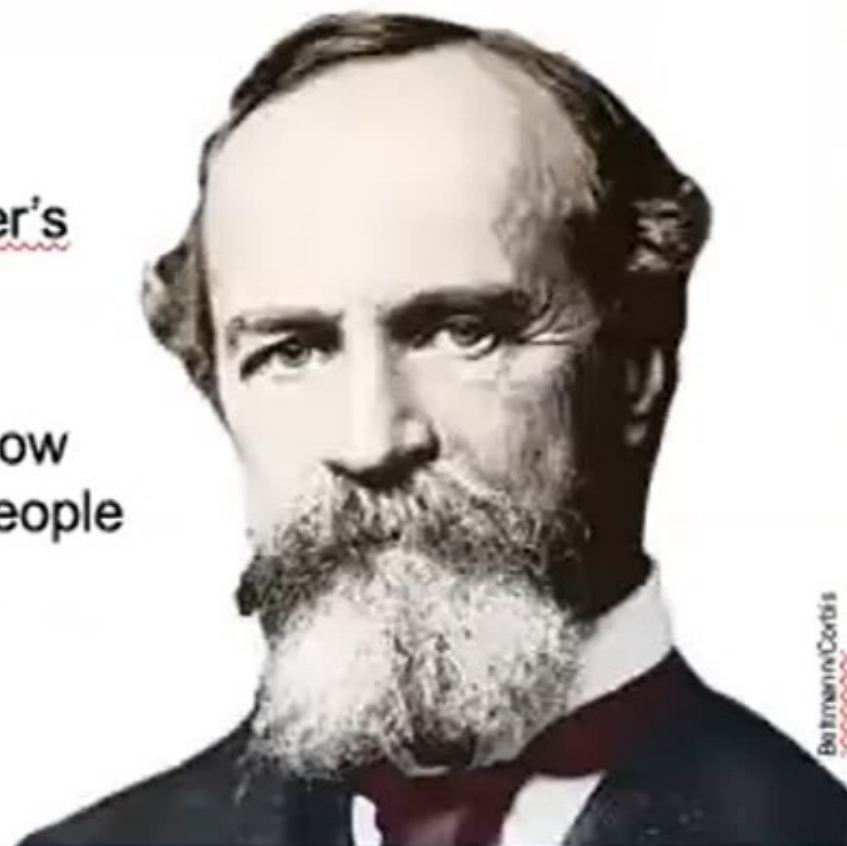
Archives of the History of American Psychology, The University of Akron



Who, influenced by Charles Darwin,
developed the idea of functionalism?

Founders of Psychology

- First Major Psychological Schools:
 - **William James and Functionalism**
 - opposed Wundt and Titchener's approach
 - Influenced by Darwin
 - Stressed the importance of how behavior functions to allow people and animals to adapt to their environments



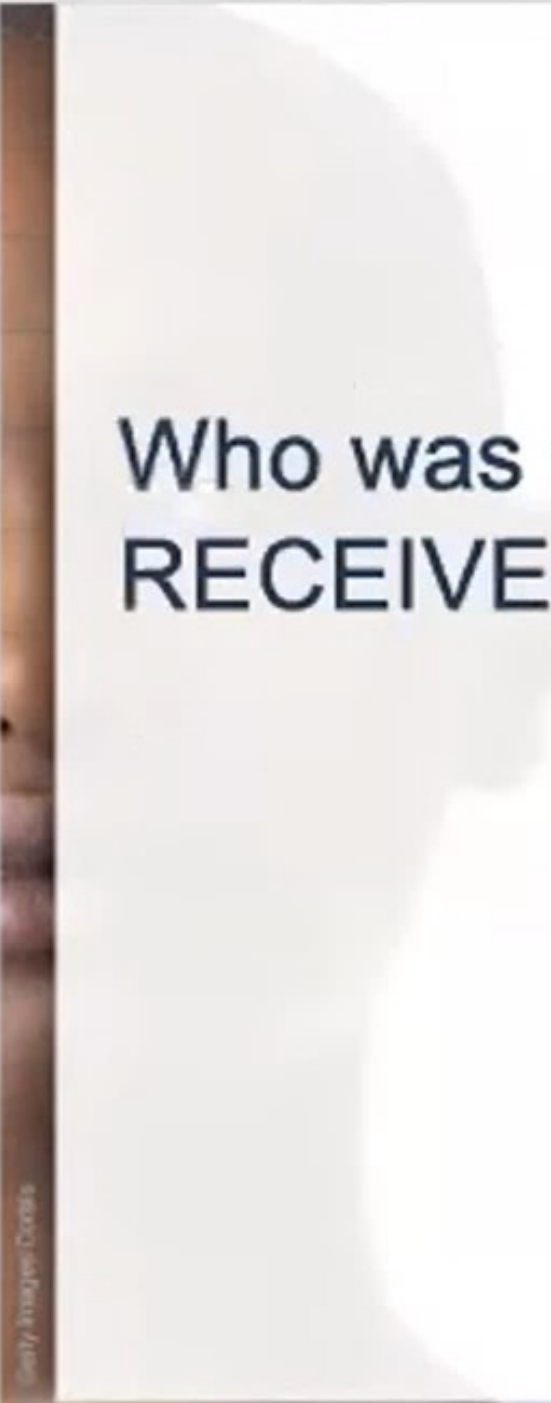


Who started the first psychological lab
in the U.S. and founded the American
Psychological Association (APA)?

James' Students

- **G. Stanley Hall (1844-1924)**
 - First psychological lab in the U.S. at John Hopkins; founded the APA
- **Mary Whiton Calkins (1863-1930)**
 - First woman to EARN a PhD in psychology
 - In 1905, Calkins was elected president of the APA—the first woman to hold that position





Who was the first woman in the U.S. to
RECEIVE a PhD in psychology?

Titchener's Student

- **Margaret Floy Washburn**
(1871-1939)
 - Student of Edward Titchener
 - First American woman to EARN and RECEIVE an official Ph.D. in psychology



Archives of the History of American Psychology,
The University of Akron